



YONKERS PUBLIC SCHOOLS

## Building Capacity Study – 2016 Update

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# Purpose

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- Coordinated with 2015 BCS
- Analyze current functional capacity of each facility
- Assess building suitability for current educational programs



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# Process

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- Building Use Questionnaires
- Administrator Interviews
- Physical Space Inventory
- Capacity Analysis
- Building Aid Unit Calculation
- Aid Eligibility Assessment



# Methodology

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- Model Program
- Building Schedule
- Preferred Class Sizes
- Actual Size of Rooms
- Programming Efficiency
- Room Use Rate



# Methodology

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- Consistent with New York State Manual of Planning Standards
- Based on New York City adjusted capacity analysis methodology.



# Preferred Class Sizes

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- Pre-K & Kindergarten 18 students
- Grades 1 through 5 22 students
- Grades 6 through 12 25 students\*
- Special Education varies

\*Science and special subject class sizes vary based on State standards.



# Building Capacity Study – Key Findings

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- Elementary buildings are overcrowded.
- Secondary buildings are above capacity but not evenly distributed.
- **Overall, current facilities are over capacity by 4,428 students.**



# Comparison

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- Rental Facilities added capacity:
  - School 16 Annex (+133 students)
  - Cornell Academy (+284 students)
- Addition of 7<sup>th</sup> and 8<sup>th</sup> grades increased capacity at four buildings.
- Special Education decreased capacity.



# Class Sizes

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- Class Sizes are well above preferred sizes.
  - Many Pre-K and Kindergarten Rooms – 28 students
  - First Grade and Above Classrooms – 30 students
- Special Education classrooms are undersized.
  - State standards require 770 square foot classrooms even though class sizes are often 12 – 15 students



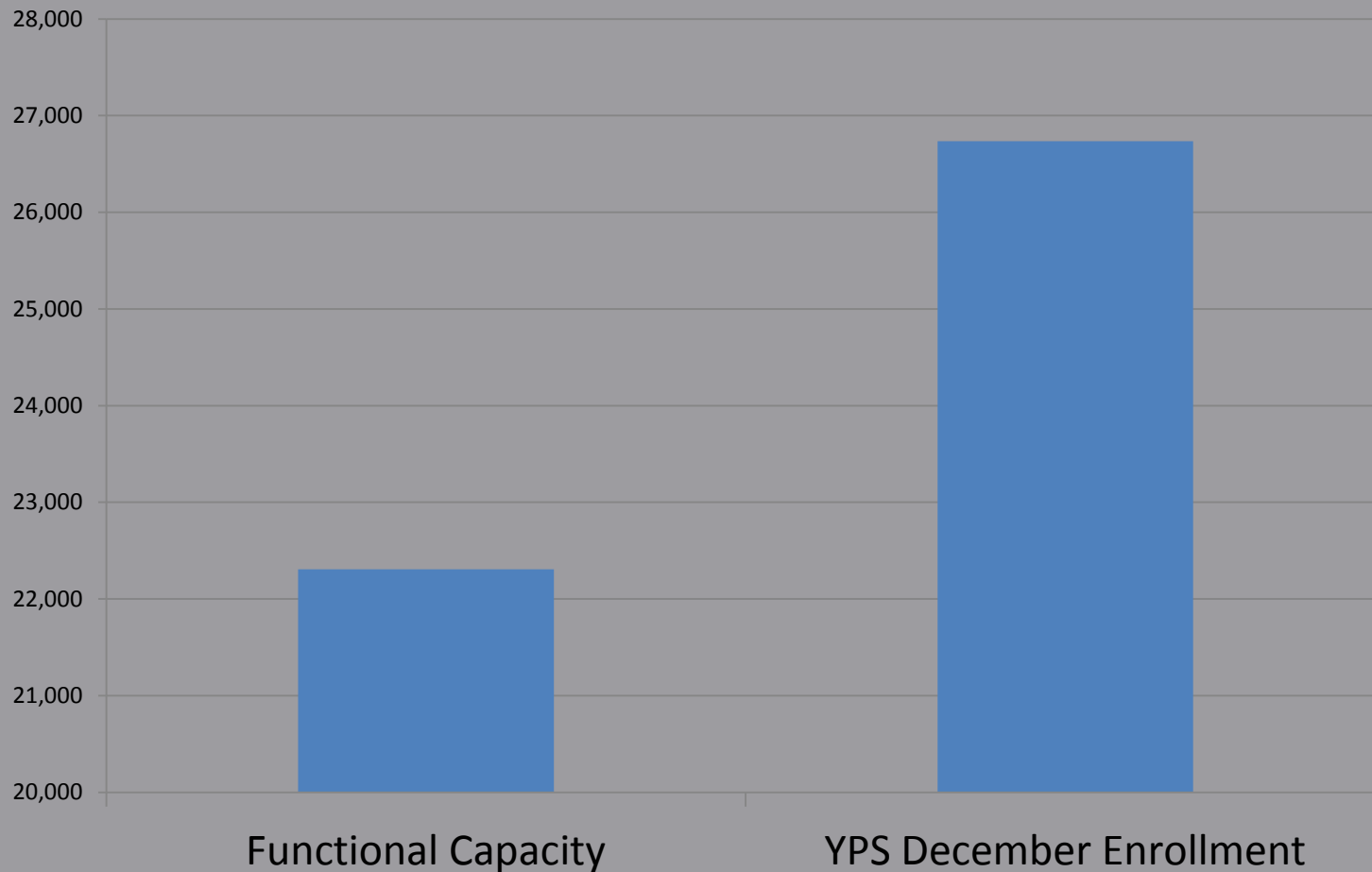
# Room Usage

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- Libraries and Special Subject Rooms are not present due to need for general classrooms.
- PK-8 Science Facilities are inadequate
- Small Group Instruction spaces are under-provided and inappropriate.



# Capacity Findings



Capacity Shortage 4,428 Seats

# Elementary School Capacity

	Name	Type	AKA	Main Bldg. Floor Area	Mod. Area	Year Built	Site Acres	Grade Config.	Functional Capacity	BEDS Data			December Headcount			Gen. Class.	% Under	Bldg Age				
										Enrollment	Amount		% Occ.	Enrollment	Amount				% Occ.			
											Over/Und.				Over/Und.							
ELEMENTARY SCHOOLS	0002	Eugenio Maria de Hostos School	ES	HOSTOS	72,000	-	1991	4	PK-8	464	593	129	128%	593	129	128%	23	4%	25			
	0005	School 5	ES	PS5	68,000	-	1884	2	PK-8	437	609	172	139%	612	175	140%	20	80%	132			
	0008	Patricia A. DiChiaro School	ES	PS8	52,270	2230	1894	1.84	PK-8	342	580	238	170%	579	237	169%	19	53%	122			
	0009	School 9	ES	PS9	50,100	-	1894	1.2	PK-6	307	365	58	119%	364	57	118%	18	56%	122			
	0013	School 13	ES	PS13	76,345	-	1920	1.56	PK-8	564	650	86	115%	643	79	114%	28	14%	96			
	0014	Rosemarie Ann Siragusa School	ES	PS14	48,785	5026	1902	1.33	PK-6	293	562	269	192%	571	278	195%	15	20%	114			
	0016	School 16	ES	PS16	42,200	-	1902	2.7	PK-8	292	719	294	246%	722	297	247%	24	29%	114			
	8342	16 Annex - Christ the King	ES	ANNEX	19,000	-	1963	0.75	PK-8	133	combined with PS 16 above											53
	0017	School 17	ES	PS17	43,770	5026	1903	1.6	PK-6	325	576	251	177%	592	267	182%	20	30%	113			
	0018	Scholastic Academy for Excellence	ES	PS18	92,130	-	1904	1.08	PK-8	510	592	82	116%	614	104	120%	27	63%	112			
	0021	School 21	ES	PS21	48,895	-	1914	1.48	PK-6	324	495	171	153%	495	171	153%	18	56%	102			
	0022	School 22	ES	PS22	44,820	4089	1914	1.09	PK-6	343	522	179	152%	530	187	154%	18	22%	102			
	0023	School 23	ES	PS23	74,410	-	1918	1.37	PK-8	489	590	101	121%	606	117	124%	18	22%	98			
	0024	Paideia School 24	ES	PS24	34,095	5026	1930	1.5	PK-6	263	479	216	182%	489	226	186%	18	67%	86			
	0025	Museum School 25	ES	PS25	47,830	-	1930	2.15	PK-6	293	365	72	124%	388	95	132%	16	19%	86			
	0026	Casimir Pulaski School	ES	PS26	52,825	-	1936	4.9	PK-8	399	608	209	152%	609	210	153%	19	16%	80			
	0027	Montessori School 27	ES	PS27	50,175	-	1960	3.29	PK-6	325	367	42	113%	370	45	114%	16	13%	56			
	0028	Kahlil Gibran School	ES	PS28	44,670	2230	1951	5.49	PK-8	377	549	172	146%	560	183	149%	17	18%	65			
	0029	School 29	ES	PS29	86,500	-	1951	9.53	PK-8	570	620	50	109%	633	63	111%	33	0%	65			
	0030	School 30	ES	PS30	43,705	2230	1952	8.69	PK-8	356	607	251	170%	612	256	172%	23	4%	64			
	0031	Montessori School 31	ES	PS31	36,380	-	1953	3.86	PK-6	286	386	100	135%	387	101	135%	17	41%	63			
	0032	Family School 32	ES	PS32	53,690	-	1958	8.7	PK-8	506	621	115	123%	625	119	124%	25	12%	58			
	0035	Robert C. Dodson School	ES	Dodson	118,150	-	1959	6.2	PK-8	781	865	84	111%	886	105	113%	39	15%	57			
	0041	Cross Hill Academy	ES	Emerson	157,950	-	1963	10.4	PK-2,7-8	984	683	-301	69%	729	(255)	74%	46	15%	53			
	0101	PEARLS Hawthorne School	ES	Pearls	140,440	-	1923	3.8	PK-8	772	907	135	117%	902	130	117%	41	37%	93			
	0106	Yonkers Montessori Academy	ES	Twain	247,468	-	1925	6.8	PK-8	924	1000	76	108%	1,000	76	108%	50	24%	91			
	0205	Enrico Fermi School	ES	Fermi	116,800	-	1927	2.6	PK-8	752	951	199	126%	967	215	129%	44	93%	89			
	0233	MLK Jr. Elementary School	ES	King	65,650	5026	1968	2.05	PK-8	499	528	29	106%	539	40	108%	26	27%	48			
	0302	Boyce Thompson School	ES	Foxfire	86,000	-	1955	4.64	PK-8	431	549	118	127%	566	135	131%	23	35%	61			
	0308	Paideia School 15	ES	PS15	75,000	-	1998	3	PK-8	453	614	161	136%	617	164	136%	23	17%	18			
	0311	Cedar Place School	ES	Cedar Pl	78,000	-	2000	2.86	PK-8	465	665	200	143%	659	194	142%	27	15%	16			
	8340	Cornell Academy	ES	Cornell	31,000	-	1959	N/A	PK-6	284	360	76	127%	356	72	125%	16	100%	57			
Subtotals - Elementary Schools				2,299,053	30,883	1938	112	varies	14,542	18,577	4,035	128%	18,815	4,273	129%	767	32%	78				



# Secondary School Capacity & Summary

SECONDARY	Name	Type	AKA	Main Bldg. Floor Area	Mod. Area	Year Built	Site Acre	Grade Config.	Functional Capacity	Current Enrollment	Amount Over/Und.	% Occ.	Current Enrollment	Amount Over/Und.	% Occ.	Gen. Class.	% Under.	Bldg Age	
	0102	Riverside High School	HS	Riverside	125,880	-	1992	3	9-12	767	974	207	127%	952	185	124%	37	3%	24
	0106	Montessori Academy (9-12 portion)	HS	Twain	247,468	-	1925	6.8	9-12	393	408	15	104%	410	17	104%	21	24%	91
	0201	Roosevelt High School	HS	Roosevelt	203,450	-	1926	12.6	9-12	1087	854	-233	79%	862	(225)	79%	66	68%	90
	0202	Lincoln High School	HS	Lincoln	252,410	-	1951	19.5	9-12	1006	1190	184	118%	1,175	169	117%	49	49%	65
	0204	Gorton High School	HS	Gorton	165,870	-	1923	6.38	9-12	803	952	149	118%	943	140	117%	40	55%	93
	0206	Saunders Trade/Tech High School	HS	Saunders	226,530	-	1969	15.2	9-12	1256	1167	-89	93%	1,160	(96)	92%	44	7%	47
	0208	Yonkers Middle/High School	HS	Yonkers	272,000	-	1975	7.5	6-12	1790	1717	-73	96%	1,731	(59)	97%	88	0%	41
	0307	Palisades Prep Academy	HS	Commerce	140,000	-	1930	3.4	7-12	663	676	13	102%	688	25	104%	39	13%	86
Subtotals - Secondary Schools				1,633,608	0	1949	74	varies	7,766	7,938	172	102%	7,921	155	104%	384	26%	67	
District-wide Totals				Main Bldg. Floor Area	Mod. Area	Avg. Year	Site Acre	Grade Config.	Functional Capacity	BEDS Enrollment	Amount Over/Und.	% Occ.	DEC Enrollment	Amount Over/Und.	% Occ.	Gen. Class.	% Under.	Bldg Age	
				3,932,661	30,883	1940	187	varies	22,308	26,515	4,207	119%	26,736	4,428	120%	1151	30%	76	
	Name	Type	AKA	Main Bldg. Floor Area	Mod. Area	Year Built	Site Acre	Grade Config.	Functional Capacity	BEDS Enrollment	Amount Over/Und.	% Occ.	DEC Enrollment	Amount Over/Und.	% Occ.	Gen. Class.	% Under.	Bldg Age	
*	0010	School 10	varies	VIVE	51,820	-	1972	2.5	varies	varies	varies	TBD	N/A			20	80%	44	



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